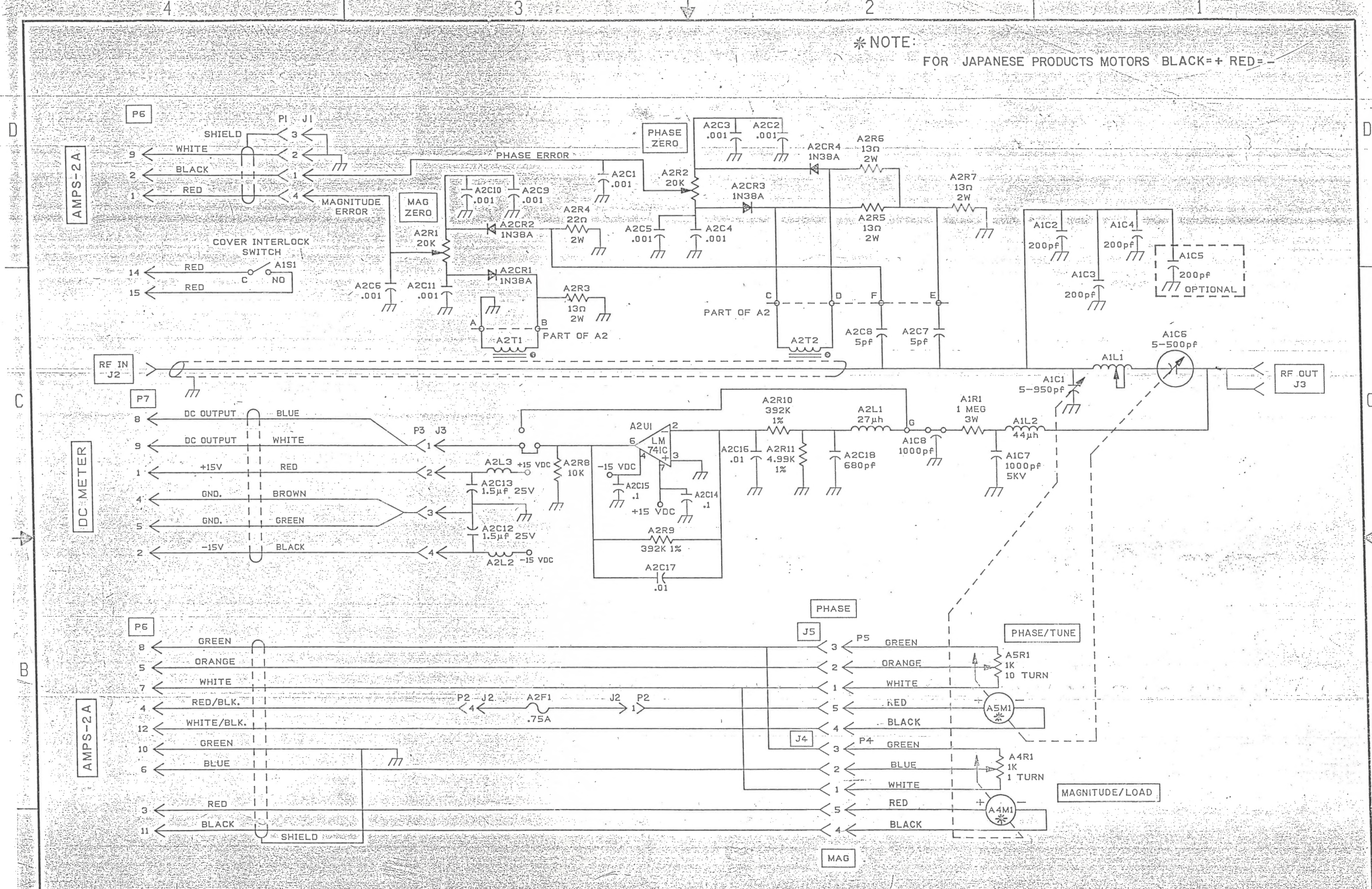


| | | | | | | | | | |
|-----------|---------------------------|------------------------|---------|-----------|--|-------------------------|--|----------|----------|
| M | R6,22 WERE 5.1K/ECN 849 | J1-15 GROUNDED ECN 842 | 6-25-81 | S. JONES | | | | | |
| L | REVISED PER ECN N# M4650 | | 1-7-83 | J. JONES | E | REVISED PER ECN N# 712 | | 6-9-84 | JWP |
| K | REVISED PER ECN N# 513C | | 7-8-86 | J. PONIST | D | REVISED PER ECN N# 588 | | 5-10-84 | JWP |
| J | REVISED PER ECN N# M2780 | | 3-17-86 | JP | C | REVISED PER ECN N# 637 | | 2-20-84 | HGF |
| I | REVISED PER ECN N# M1740 | | 11-5-85 | J. PONIST | B | RELEASED PER EPR N# 014 | | 12-9-84 | RAH |
| H | REVISED PER ECN N# M1480T | | 6-3-85 | JP | A | PRELIMINARY RELEASE | | 10-14-83 | RAH |
| G | REVISED PER ECN N# M0730 | | 3-4-85 | JP | REV. ZONE | DESCRIPTION | | DATE | APPROVED |
| F | REVISED PER ECN N# M0640 | | 1-16-85 | JP | THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF PLASMA-THERM, INC., N.J. AND SHALL NOT BE REPRODUCED, OR COPIED, OR USED AS THE DIRECT OR INDIRECT BASIS FOR THE MANUFACTURE, DEVELOPMENT, OR SALE OF APPARATUS, PROCESSES OR PRODUCTS WITHOUT PERMISSION. | | | | |
| REV. ZONE | DESCRIPTION | | DATE | APPROVED | | | | | |
| PT. 02 | 9 | | 7 | | C | | | | 5 |

NOTES:
1- Unless Otherwise Indicated, Resistance is in Ohms, 1/4 Watt Dissipation Rating, Fractional Values of Capacitance in Microfarads, All Others in Picofarads.

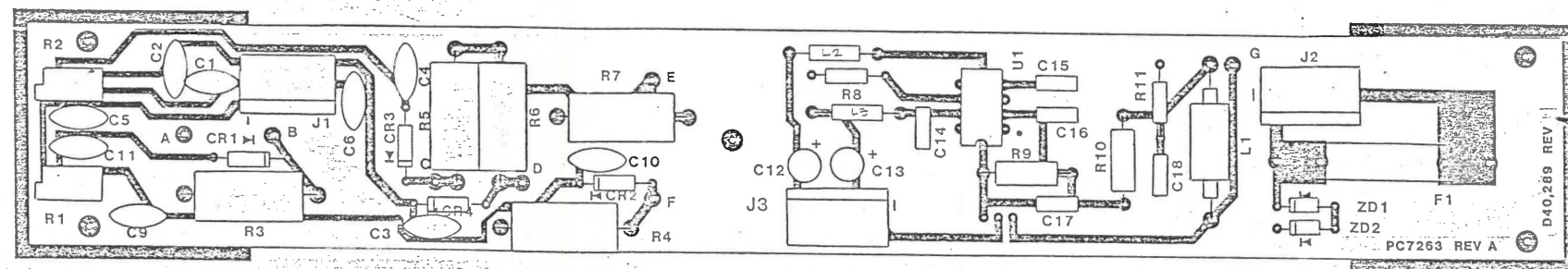


| | | | | |
|-------------------|--|----------|------------------------------|--|
| DRAWN | | DATE | SUPERSEDES DWG. # 2403491201 | |
| NAL | | 10-14-83 | RF Plasma Products, Inc. | |
| ENG APPVL | | DATE | TITLE | |
| RAH | | 10-14-83 | SCHEMATIC DIAGRAM | |
| REL TO PROD | | DATE | MATCHING NETWORK CONTROLLER | |
| NEXT ASSY | | DATE | DWG. NO. 40,247 | |
| USED ON | | DATE | SHT 1 OF 1 | |
| FIRST APPLICATION | | DATE | SCALE NONE | |
| REF. TO EPL | | DATE | SIZE D | |



| | | | | | | | | | | | | | | | |
|--|------|-------------|------|----------|-----|------|-------------|------|----------|--------------------|--|---------------|--|---|--|
| E REVISED PER ECN 795 4-9-91 RAO | | | | | | | | | | DRAWN BSR 09/16/85 | | DATE 09/16/85 | | RF PLASMA PRODUCTS INC. | |
| D DELETED SHIELD - P3-3/ECN M4850 3-21-89 RAO | | | | | | | | | | CHECKED | | DATE 9/18/85 | | 22 OLNEY AVENUE CHERRY HILL, NEW JERSEY 08003 (609)424-7500 | |
| C WAS AMN-502/ECN M3170 11-11-86 RAO | | | | | | | | | | ENG. APPVL. | | DATE 9/18/85 | | TITLE SCHEMATIC DIAGRAM | |
| B RELEASED PER EPR 0037 10/31/85 RAO | | | | | | | | | | REL. TO PROD. | | DATE 11-1-85 | | MATCHING NETWORK AM-5 | |
| A PRELIMINARY 9/18/85 RAO | | | | | | | | | | USED ON | | AM-5 | | DR. NO. 30,187 | |
| REV | ZONE | DESCRIPTION | DATE | APPROVED | REV | ZONE | DESCRIPTION | DATE | APPROVED | NEXT ASSY. | | USED ON | | SHEET 1 OF 1 | |
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| REVISIONS | | | | | | | | | | | | | | SIZE C | |

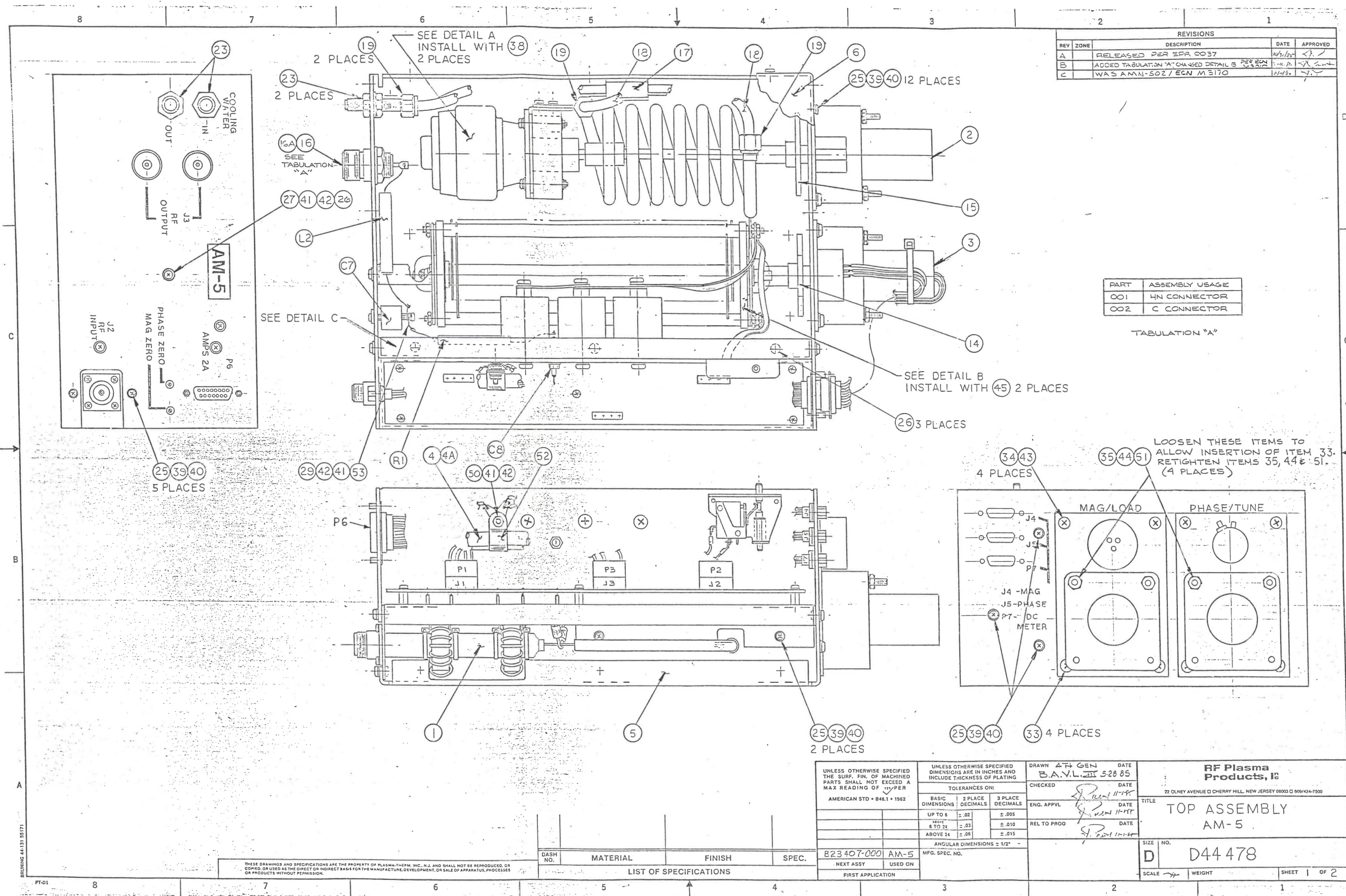
| REVISIONS | | | |
|-----------|---------------------------------|----------|-------------------------------------|
| LTR | DESCRIPTION | DATE | APPROVED |
| A | RELEASED PER EPR 0037 | 11/24/85 | <input checked="" type="checkbox"/> |
| B | USED ON WAS AMN-502 / ECU M3170 | 11/14/86 | <input checked="" type="checkbox"/> |



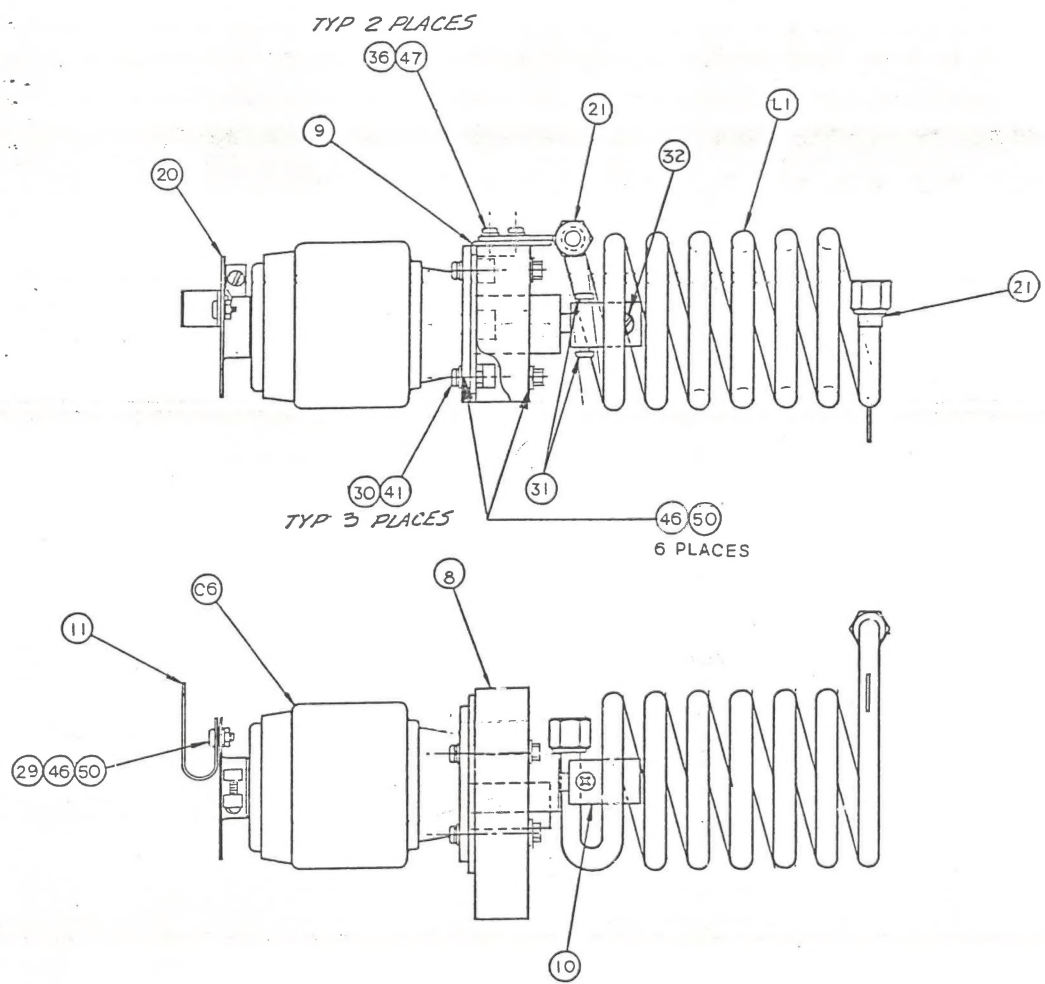
PRODUCTION TO MARK
ASSEMBLY REVISION LETTER
WITH PERMANENT BLACK INK

REF: EPL - 8227 A71-002
USED ON: AM-5

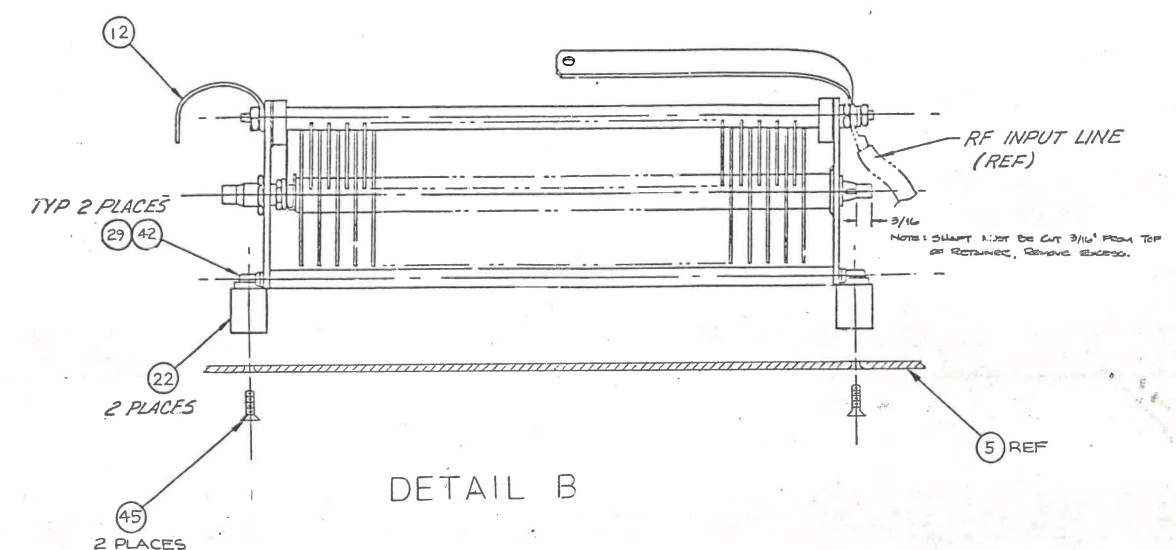
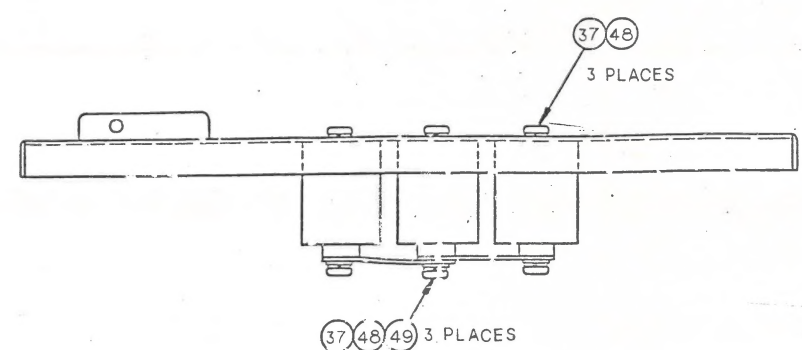
| | | | | | |
|--|--|------------------------------|--|---|--|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES XXX .XXX XXX | | CONTRACT NO. 85369 | | CUSTOMER: RF PLASMA | |
| MATERIAL | | APPROVALS DATE 5/24/85 | | BOARD TITLE: AM-5 MATCHING NETWORK PCB ASSEMBLY DRAWING | |
| FINISH | | CHECKED 5/24/85 | | SIZE FSCM NO. DWG. NO. D 62116 D40,289 | |
| DO NOT SCALE DRAWING | | SCALE 2:1 | | SHEET 1/1 | |



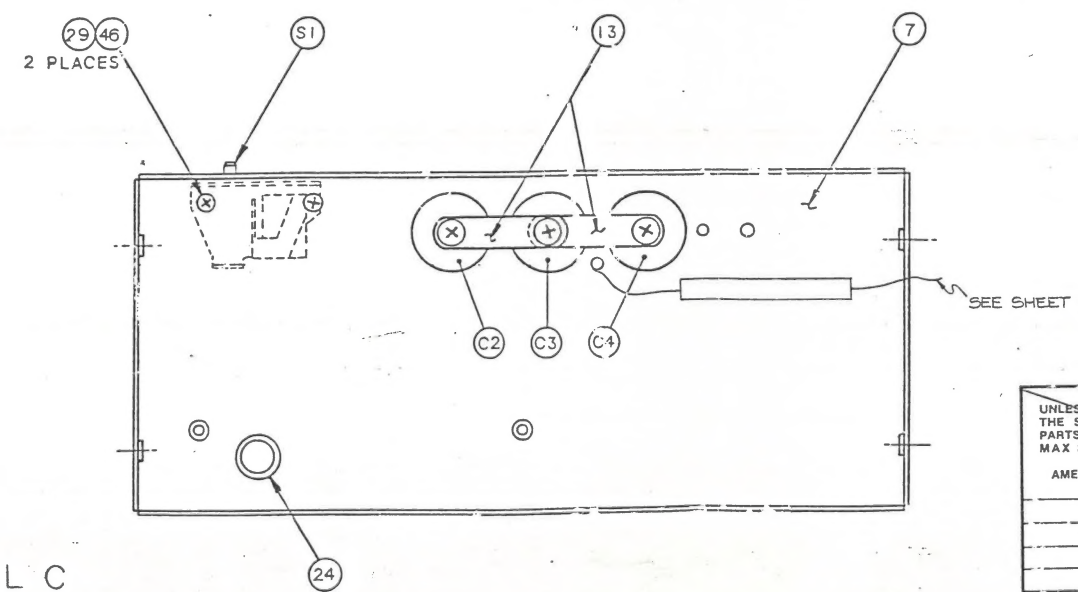
| REVISIONS | | | | |
|-----------|------|-------------|------|----------|
| REV | ZONE | DESCRIPTION | DATE | APPROVED |
| | | | | |
| | | | | |



DETAIL A



DETAIL B



DETAIL C

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LIST OF SPECIFICATIONS

| | | | | | | | |
|--|--|--|------------------|------------------------------|--|---|--|
| UNLESS OTHERWISE SPECIFIED THE SURFINISH OF MACHINED PARTS SHALL NOT EXCEED A MAX READING OF .0005 PER AMERICAN STD • B46.1 • 1962 | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE THICKNESS OF PLATING | | DRAWN _____ DATE _____ | | RF Plasma Products, Inc. 22 OLNEY AVENUE □ CHERRY HILL, NEW JERSEY 08003 □ 609/424-7500 | |
| | | TOLERANCES ON: | | CHECKED _____ DATE _____ | | | |
| DIMENSIONS | | 2 PLACE DECIMALS | 3 PLACE DECIMALS | ENG. APPVL _____ DATE _____ | | TITLE _____ | |
| UP TO 6 | | ± .02 | ± .005 | REL TO PROD _____ DATE _____ | | | |
| ABOVE 6 TO 24 | | ± .03 | ± .010 | MFG. SPEC. NO. _____ | | SIZE NO. D44478 | |
| ABOVE 24 | | ± .06 | ± .015 | ANGULAR DIMENSIONS ± 1/2° | | SCALE <i>N</i> WEIGHT _____ SHEET 2 OF 2 | |
| NEXT ASSY _____ USED ON _____ FIRST APPLICATION _____ | | MFG. SPEC. NO. _____ | | DATE _____ | | SHEET 2 OF 2 | |

BRUNING 44-131 95171

